

What is claimed is:

- 1 <sup>5057</sup> 1. A status notification method comprising steps of:  
2 a first information terminal determining, from status  
3 of the first information terminal, status of a user using  
4 the information terminal, and directly transmitting the user  
5 status through an electronic information transmission medium  
6 to an arbitrary mobile terminal; and  
7 the mobile terminal determining whether received user  
8 status is a user's user status retained in advance in the  
9 mobile terminal, and based on results of the determination  
10 real-time transmitting from the mobile terminal the user  
11 status via a network to a designated second information  
12 terminal; and  
13 outputting received user status on the second  
14 information terminal.
- 15 2. A status notification method as set forth in claim  
16 1, wherein the electronic transmission medium is an  
17 electronic communications channel.
- 18 3. A status notification method as set forth in claim  
19 1, wherein the electronic transmission medium is an  
20 electronic communications line.
- 21 4. A status notification system comprising:  
22 generating devices provided in first information  
23 terminals; transmitting devices provided in mobile terminals

1 on a mobile communications network; and receiving devices  
2 provided in second information terminals; wherein

3 the mobile terminals and the second information  
4 terminals are equipped with communications units  
5 connected via a network for real-time communications;

6 said generating devices determine users and users'  
7 status from status of the first information terminals,  
8 and said generating devices being connectable directly  
9 with said transmitting devices through an electronic  
10 information transmission medium send the users and  
11 users' status to arbitrary ones of said transmitting  
12 devices;

13 said transmitting devices, being connectable  
14 directly with said generating devices through an  
15 electronic information transmission medium, receive the  
16 users and the users' status from arbitrary ones of said  
17 generating devices, determine whether the users are  
18 users coordinated in the mobile terminals, and based on  
19 the determination utilize the communication units to  
20 transmit received users' status to predetermined  
21 receiving devices; and

22 said receiving devices utilize the communication  
23 units to receive the users' status from said  
24 transmitting devices and output received users' status.

1        5. The status notification system as set forth in claim  
2        4, wherein

3        said generating devices based on status of the first  
4        information terminals prepare status lists wherein status  
5        items for becoming users' status are described, from the  
6        status list designate any of the status items as the users'  
7        status, and send the prepared status list and the designated  
8        users' status to said transmitting devices;

9        said transmitting devices send the users' status as  
10       well as the status lists to said receiving devices; and

11       said receiving devices receive and output the users'  
12       status as well as the status lists.

13       6. A generating device provided in an information  
14       terminal for running a predetermined application,  
15       comprising:

16       identification means for obtaining from the application  
17       identification information for designating users;

18       decision means for determining status of users based on  
19       status of the application; and

20       transmitting means connectable directly with external  
21       mobile terminals through an electronic information  
22       transmission medium, for transmitting the user  
23       identification information and the user status to arbitrary  
24       mobile terminals.

1        ~~7.~~ A transmitting device for operating both with  
2 communication devices interconnected via a network for real-  
3 time communications, and on mobile terminals retaining user  
4 identification information, said transmitting device  
5 comprising:

6            receiving means connectable directly to external  
7 information terminals through an electronic information  
8 transmission medium, for receiving the user identification  
9 information and user status from arbitrary information  
10 terminals;

11           authorization means for authorizing users based on the  
12 received identification information and the retained  
13 identification information; and

14           transmitting means for utilizing a communication device  
15 to transmit the received user status to predetermined other  
16 communication devices based on the authorization results.

17        ~~8.~~ A transmitting device for operating both with  
18 communication devices interconnected via a network for real-  
19 time communications, and on mobile terminals, said  
20 transmitting device comprising:

21           holding means for retaining user identification  
22 information;

23           receiving means connectable directly to external  
24 information terminals through an electronic information  
25 transmission medium, for receiving the user identification

1 information and user status from arbitrary information  
2 terminals;

3 authorization means for authorizing users based on the  
4 received identification information and the retained  
5 identification information; and

6 transmitting means for utilizing a communication device  
7 to transmit the received user status to predetermined other  
8 communication devices based on the authorization results.

9 9. A receiving device for operating with communication  
10 devices interconnected via a network for real-time  
11 communications, comprising:

12 receiving means for utilizing the communication devices  
13 to receive user status externally from the communication  
14 devices; and

15 outputting means for outputting received user status.

16 10. A computer-readable recording medium wherein a  
17 status-generating program is stored, utilized in information  
18 terminals for running a predetermined application, said  
19 status-generating program for executing:

20 A) a step of obtaining from the application user-  
21 designating identification information;

22 B) a step of determining user status based on status of  
23 the application;

1 C) a step of connecting directly with external mobile  
2 terminals through an electronic information  
3 transmission medium; and

4 D) a step of transmitting the identification  
5 information and the user status to an arbitrary  
6 mobile terminals.

7 ~~11.~~ A computer-readable recording medium wherein a  
8 status-transmitting program is stored, for operation by  
9 communication devices interconnected via a network for real-  
10 time communications, and utilized on mobile terminals  
11 retaining user identification information, said status-  
12 transmitting program for executing:

13 A) a step of connecting directly to external  
14 information terminals through an electronic  
15 information transmission medium;

16 B) a step of receiving the user identification  
17 information and user status from arbitrary  
18 information terminals;

19 C) a step of authorizing users based on the received  
20 identification information and the retained  
21 identification information;

22 D) a step of utilizing a communication device to  
23 transmit the received user status to predetermined  
24 other communication devices based on the  
25 authorization results.

1        ~~12.~~ A computer-readable recording medium wherein a  
2 status-transmitting program is stored, utilized in mobile  
3 terminals wherein communication devices interconnected via a  
4 network for real-time communications are operable, said  
5 status-transmitting program for executing:

6            A) a step of storing user identification information;

7            B) a step of connecting directly with an external  
8 information devices through an electronic  
9 information transmission medium;

10          C) a step of receiving the user identification  
11 information and user status from arbitrary  
12 information terminals;

13          D) a step of authorizing users based on the received  
14 identification information and the retained  
15 identification information; and

16          E) a step of utilizing a communication device to  
17 transmit the received user status to predetermined  
18 other communication devices based on the  
19 authorization results.

1        ~~13.~~ A computer-readable recording medium wherein a  
2 status-receiving program is stored, utilized in mobile  
3 terminals wherein communication devices interconnected via a  
4 network for real-time communications are operable, said  
5 status-receiving program for executing:

- 6 A) a step of utilizing a communication device to  
7 receive user status externally from the  
8 communication devices; and  
9 B) a step of outputting the received user status.